

# Requirements

## Patient

1. **Make an appointment** – as a patient, I need to be able to schedule an appointment in the hospital app following the next steps:
  - Select a department
  - Select an operation from the said department.
  - Select a doctor from said department (doctor rating is displayed too)
  - Select a day in a 30-day time span starting from the day after the day I am doing the appointment (from tomorrow)
  - Select a time-slot from the list of available time-slots shown (this adapts based on the operation chosen ex. If duration is 1h only time-slots that can accommodate a one-hour operation are shown). Time-slots represent 30 mins. Duration of appointment is given by the duration of the selected operation.
  - After every detail is set, I can confirm the consultation so that it is registered in the database.
  - After DB registration, I need to receive a confirmation of the appointment
2. **See my upcoming appointments** – as a patient, I need to be able to check my upcoming appointments in the hospital app doing the following:
  - Navigate calendar (Calendar C#, CalendarEvent, CalendarView)
  - See appointments in a calendar
  - Be able to click an appointment in the calendar to open an overlay with details about the appointment which allows me to cancel it min 24h before due date
3. **See consultation results** – as a patient, I need to see a list of my past consultations. I need to be able to click on a consultation to see all the details of said consultation (department, doctor, date, operations performed, results = provided documents by the doctor). This screen should allow me to:

- Download the documents associated with the consultation (results)
- Press a button to be able to provide feedback

## **Doctor**

1. **See schedule** - as a doctor, I need to see my appointments and work-shifts in the calendar. I need to be able to:
  - Select a day from the calendar (monthly calendar that can be navigated).
  - After selecting a day, I will be able to see a list of the time-slots in a day (list of the 24 hours divided into 30-minute slots). These slots reflect my work-shift (different-colored background) and also show the appointments planned for said shift in their correct time-slot
  - Clicking an appointment shows the details and contains a button which allows the doctor to create a consultation corresponding to the appointment. It also contains a “view profile” button that leads the doctor to the patient profile/consultation history.
2. **Make a consultation** – as a doctor, I need to be able to select an appointment from my schedule and click on a “Create Consultation” button. This will create a new consultation creation form and fill in data using patient data from the appointment and will allow the doctor to also add some documents as results of the consultation. Then by pressing a button the doctor can save the consultation in the db. (future extension: add consultation without prior appointment and/or account – subject to change)